

Roadtrek

OWNER'S MANUAL

**INCLUDING
LIMITED WARRANTY INFORMATION**

Revised: January 7, 1999

© HANMAR MOTOR CORPORATION 1999.

™® "Home & Park" and "Roadtrek" are registered trademarks of J.J. Hanemaayer of which Hanmar Motor Corporation is a licensee and/or registered user.

LIMITED WARRANTY INFORMATION

The following information must be provided when contacting the factory for warranty:

Selling Home & Park Dealer: _____
Address: _____ Phone: (____) _____
City, State/Prov.: _____ Zip/Postal Code: _____
V.I.N. (last 8 digits): _____
Sales Order # (located on driver door post label): _____
Date of Delivery To Owner (Retail Purchaser): _____

A WORD TO ROADTREK OWNERS...

This manual has been prepared to acquaint you with the operation, maintenance and warranties of your new **Roadtrek Motorhome Van**. Your vehicle has been designed, engineered and manufactured to provide you with the utmost in pleasure, dependability and quality. It is important that you read the contents of this manual, that of the Dodge or Chevrolet chassis and those of other components, and follow the instructions and recommendations contained in each to help assure the most enjoyable and trouble free operation of your vehicle.

We would like to take this opportunity to thank you for selecting a **Home & Park** product and assure you of our continuing commitment to your recreational vehicle pleasure, safety and satisfaction.

INTRODUCTION

This manual has been written to provide you with the information required to properly operate and maintain your new Roadtrek. After reading this manual, be sure to keep it in your vehicle as a reference. Your Home & Park dealer will be glad to answer any further questions about the operation of your vehicle.

IMPORTANT

Every reasonable precaution has been undertaken in the preparation of this manual resulting in the utmost accuracy possible at the time of publication. However, due to the continuing improvement and refinement of our products and normal changes in information and procedures, Home & Park shall assume no responsibility whatsoever for errors or omissions in the manual's contents.

Further, Home & Park shall not be held liable or assume any obligations or responsibilities whatsoever for any loss, damage or injury directly or indirectly caused by, arising or resulting from, or as a consequence of the use or nonuse of the information contained herein or the operation or non-operation of any items mentioned herein. And finally, Home & Park shall be indemnified and saved harmless from all losses, expenses, claims and demands whatsoever.

TABLE OF CONTENTS

A.0. DAILY LIVING	1
A.1. CAPTAIN'S SEATS	1
A.2. SEAT BELT USAGE	1
A.3. DINETTE TABLE (190-Versatile with dinette only)	1
A.4. CLOVERLEAF DINING TABLE (190-Versatile and 200-Versatile)	2
A.5. LOUNGE/DINING TABLE (170-Popular and 190-Popular)	2
A.6. EXTERIOR ACCESS DOORS	2
A.7. SPARE TIRE STORAGE AND REMOVAL	3
B.0. SLEEPING FACILITIES	3
B.1. REAR L-SHAPED LOUNGE TO DOUBLE BED (170-Popular & 190-Versatile)	3
B.2. REAR L-SHAPED LOUNGE TO DOUBLE BED (200-Versatile)	4
B.3. REAR DINETTE TO DOUBLE BED (190-Versatile)	4
B.4. REAR TWIN BEDS (190-Popular)	4
B.5. REAR KING-SIZE BED (190-Popular)	5
B.6. FRONT LOUNGE SEATS (all models)	5
C.0. LOCATION OF APPLIANCES	6
D.0. WASHROOM AND PRIVACY AREA	6
D.1. PRIVACY DOORS (170-popular & 190-Popular)	6
D.2. PRIVACY DOORS (190-Versatile)	7
D.3. PRIVACY DOORS (200-Versatile)	7
D.4. TOILET	7
D.5. STAND-UP AISLE SHOWER (optional)	7
D.6. SIT-DOWN TUB AND SHOWER (optional with 190-Versatile)	8
E.0. WATER SYSTEM	9
E.1. FRESH WATER TANK	9
E.2. CITY WATER CONNECTION	9
E.3. WASTE WATER STORAGE AND DUMPING SYSTEM	10
E.4. POTABLE WATER SYSTEM DRAINING	11
E.5. POTABLE WATER SYSTEM SANITIZING	11
E.6. POTABLE WATER SYSTEM WINTERIZING	12
E.7. WATER HEATER BY-PASS	12
E.8. WINTER USE	12
F.0. ELECTRICAL SYSTEM	12
F.1. 110/12V CONVERTER/CHARGER	12
F.2. EXTERNAL ELECTRICAL SOURCE CONNECTION	13
F.3. GENERATOR (optional)	13
F.4. BUILT-IN 110V AIR CONDITIONER (optional)	13
F.5. MONITOR PANEL	13

F.6. AUXILIARY BATTERY AND ISOLATOR	14
F.7. AUTOMOTIVE BATTERY	15
F.8. INTERIOR CAB LIGHT AND IGNITION LIGHT	15
F.9. RANGE HOOD EXHAUST FAN	16
G.0. L.P. GAS AND SAFETY SYSTEM	16
G.1. L.P. GAS TANK	16
G.2. APPLIANCES	17
G.3. REFUELING PROCEDURES	17
G.4. REGULATOR	17
G.5. L.P. GAS LEAK DETECTOR	17
G.6. CARBON MONOXIDE LEAK DETECTOR	18
G.7. SMOKE DETECTOR	18
H.0. MAINTENANCE	18
H.1. FIBERGLASS MAINTENANCE	18
H.2. EXTERIOR WASHING	18
H.3. OTHER MAINTENANCE	18
I.0. WINTER STORAGE	18
I.1. INSIDE YOUR VEHICLE	18
I.2. OUTSIDE YOUR VEHICLE	19
I.3. SPRING START UP	19
J.0. TIRES	19
K.0. CARGO CARRYING CAPACITY	19
L.0. LIMITED WARRANTY	20
L.1. DEFINITIONS	20
L.2. HOME & PARK LIMITED WARRANTY REGISTRATION CARD	20
L.3. AUTOMOTIVE WARRANTY- Chrysler (Dodge chassis) in the U.S.	20
L.4. AUTOMOTIVE WARRANTY- Chrysler (Dodge chassis) in Canada	21
L.5. AUTOMOTIVE WARRANTY- General Motors (Chevrolet chassis)	22
L.6. AUTOMOTIVE CUSTOMER SERVICE & ROADSIDE ASSISTANCE NUMBERS	22
L.7. APPLIANCE WARRANTY	23
L.8. HOME & PARK MOTORHOME LIMITED WARRANTY	24
M.0. REPORTING SAFETY DEFECTS (U.S. ONLY)	25
N.0. POTENTIAL CUSTOMER REFERRAL PROGRAM	26
P.0. ROADTREK CLUB INTERNATIONAL	26
Q.0. ADDRESS, PHONE & FACSIMILE NUMBERS, AND E-MAIL	27

Note: All references to "front", "rear", "driver side" and "passenger side" are used relative to your vehicle and not your position.

A.0. DAILY LIVING

A.1. CAPTAIN'S SEATS

To recline, pull up the recline control located below the inboard armrest and lean back.

To slide the seat of Dodge models, pull the slide control located on the left underside of the seat outward, and slide the seat either forward or back. On Chevrolet models, pull the slide control located on the front lower side of the seat upward, and slide the seat either forward or back.

To swivel the seats from a forward facing position to a rearward facing position, be aware of the following:

- i) Ensure that the back of the seat is reclined as far forward as the recline control allows.
- ii) Slide the seat forward but not so far as to lose clearance of the engine cover.
- iii) Put the tilt steering wheel in the uppermost position.
- iv) The swivel control is located on the center front underside of the seat and locks the seat in a forward facing position. To release, pull the swivel control to the right and turn the seat inward (clockwise for the driver side seat and counterclockwise for the passenger seat).
- v) Swivel the seat to the desired position.
- vi) Once completed, lower the tilt steering wheel and adjust the recline and slide controls as desired.

A.2. SEAT BELT USAGE

The driver and passenger captain's seats and the lounge seat(s) immediately behind are designed to carry passengers while your vehicle is in motion and are equipped with seat belts installed for their protection. All passengers must be seated in these seats only with seat belts fastened while vehicle is in motion. Some Dodge chassis's (with the L-shaped lounge option) are equipped with lap belts for extra seating while in motion.

The lap belts must be worn across the hips and not across the abdomen. Passengers must sit well back in the seat and in an upright position.

A.3. DINETTE TABLE (190-VERSATILE WITH DINETTE ONLY)

The rear dinette table can be used with the front captain's seats and lounge seats (without removable wardrobe) instead of the cloverleaf dining table. To use the dinette table at the front:

- i) Remove the cloverleaf table from its table leg.
- ii) Leave the table leg in the base in the floor at the front.
- iii) Swivel the driver captain's seat into a rearward facing position (see A.1.).
- iv) Place the dinette table on this table leg with the other end resting on the drink holders mounted on the wall below the awning window.

A.4. CLOVERLEAF DINING TABLE (190-VERSATILE AND 200-VERSATILE)

To use the "leaves":

- i) Pivot the table into the desired position.
- ii) In a seated position, with one hand under the table, push the support device out toward you.
- iii) Let the "leaf" fall and push the support device back in to allow the "leaf" to be swung up parallel to the table surface.
- iv) Pull the support device back toward yourself (to support the extended leaf).

To return the "leaf" to its original position, follow these steps in reverse order.

A.5. LOUNGE/DINING TABLE (170-POPULAR AND 190-POPULAR)

To bring the table from its stored position into use:

- i) Turn the locking handle counterclockwise to loosen the table from the support slide.
- ii) Slide the table toward the passenger side of vehicle until the stop is reached.
- iii) Swing table up from bottom to passenger side.
- iv) Rotate table towards front of vehicle to horizontal position for best operation with passenger side lounge seat and towards rear of vehicle without passenger side lounge seat.
- v) Turn locking handle clockwise to tighten.
- vi) Pivot the table into the desired position.

To return the table to its stored position, follow these steps in reverse order.

A.6. EXTERIOR ACCESS DOORS

Most utilities are located behind exterior doors integrated into the following locations:

<u>Utility</u>	<u>All Chevrolet Models</u>	<u>All Dodge Models</u>
LP gas fill valve and tank shut off valve	door integrated into rear bumper behind the license plate	fuel filler door behind driver rear wheel
LP gas tank and regulator		below floor and behind rear axle
LP gas gauge		monitor panel inside and above passenger lounge seat
sewage hose assembly	small door integrated within running boards below driver step	small door integrated within running boards below driver step
black and grey water gate valve handles		on tank behind driver rear wheel
fresh water tank low point drain		
fresh water fill	side entry door step well	passenger side rear door post
exterior accessible storage compartments (maximum capacity of 70 Kg or 150 lbs. each)	large lockable door integrated within running boards behind driver step	large lockable door integrated within running boards behind driver step
power cord	lockable door integrated into flare behind driver side rear wheel	
city water connection		
external TV cable connection		
external shower		

A.7. SPARE TIRE STORAGE AND REMOVAL

For vehicles not equipped with an optional "Continental" spare tire carrier, the spare tire is stored within the storage area below the rear bed or on the underside your vehicle behind the rear axle (only Dodge 190 models without generators or trailer hitches).

To remove the spare tire from the underside of your vehicle behind the rear axle:

- i) Insert tire iron into opening located on bottom center of rear door frame.
- ii) Turn counterclockwise to lower tire.
- iii) Remove support hook and cable from the tire.

For models equipped with an optional "Continental" spare tire carrier mounted on the rear door, to remove the spare tire:

- i) Release the locking clamp located on the underside of the chrome outer ring (will require a key if so equipped).
- ii) While holding the center fiberglass dish in place, spread the outer ring by pulling outward from the bottom.
- iii) Remove the center dish and outer ring from around the tire.
- vi) Using the tire iron, remove the lug nuts that secure the tire to the carrier.
- v) **Brace yourself for the weight of the tire (40 Kg/80 lbs.),** and pull the tire from the carrier and lower it to the ground.

To store the spare tire, perform these steps in reverse order.

CAUTION: On vehicles equipped with an optional "Continental" spare tire carrier, hold onto the door securely during windy conditions and do not open the door with excessive force to prevent it from opening beyond its normal limitation and causing damage to the door or its hinges.

B.0. SLEEPING FACILITIES

B.1. REAR L-SHAPED LOUNGE TO DOUBLE BED (170-POPULAR & 190-VERSATILE)

To convert the lounge into a double bed:

- i) Remove cushion under TV cabinet and store.
- ii) Remove small rear back rest cushion on driver side and store.
- iii) Remove table top, rotate, place on ledges between seats, and slide to front against rubber stops.
- iv) Remove small narrow board stored along wall under TV cabinet and place behind the table top.
- v) Lift the rear back rest cushion up from the bottom and open rear door.
- vi) Remove this cushion by detaching Velcro found on back flap of backrest board and close rear door.
- vii) Rotate rear seat cushion 90 degrees and place in the middle section with cushion running front to back.
- viii) With the rear back cushion in hand, separate the Velcro at the bottom edge of the cushion.
- ix) Spread this cushion flat and lay it on the driver side next to the seat cushions with Velcro down.
- x) Do the same with the passenger side back rest cushion by pulling the Velcro apart at the top edge of the cushion, and lay it on top of the other back rest cushion with Velcro up.

To convert back to a lounge, perform these steps in reverse order.

B.2. REAR L-SHAPED LOUNGE TO DOUBLE BED (200-VERSATILE)

To convert the lounge into a double bed:

- i) Remove cushion under TV cabinet and store.
- ii) Remove small rear back rest cushion on driver side and store.
- iii) Remove table top, rotate, place on ledges between seats, and slide to front against rubber stops.
- iv) Remove small narrow board stored along wall under TV cabinet and place behind the table top.
- v) Remove the rear back rest cushion and place temporarily on the passenger side seat cushion.
- vi) Turn rear seat cushion counter-clock wise 90 degrees and place in the middle section with cushion running front to back.
- vii) With the rear back cushion in hand, separate the Velcro at the bottom edge of the cushion.
- viii) Spread this cushion flat and lay it on the driver side next to the seat cushions with Velcro down.
- ix) Do the same with the passenger side back rest cushion by pulling the Velcro apart at the top edge of the cushion, and lay it on top of the other back rest cushion with Velcro up.

To convert back to a lounge, perform these steps in reverse order.

B.3. REAR DINETTE TO DOUBLE BED (190-VERSATILE)

To convert the dinette into a double bed:

- i) Remove the table and legs from their bases and place the table on the lateral supports located on the upper edge of the seat base boxes.
- ii) Starting on the driver side, move the seat cushion to the passenger side.
- iii) Pull the driver side back rest cushion inward and down until it lies flat.
- iv) Push this cushion out against the interior wall of your vehicle.
- v) Move both seat cushions over to the left side and repeat the fourth step with the passenger back rest cushion.
- vi) Place the inner edges of the two seat cushions together and lay them flat.

To convert back to a dinette, perform these steps in reverse order.

B.4. REAR TWIN BEDS (190-POPULAR)

To convert the dinette into twin beds:

- i) Remove the table and leg from its receptacle and place the table under the driver side seat cushion.
- ii) Place both back rest cushions on the floor vertically up against the seat base boxes.
- iii) Pull each seat cushion 3" (8 cm) from the wall to provide additional elbow room while sleeping.
- iv) Night table can be removed and stored if desired.

To convert back to a dinette, perform these steps in reverse order.

B.5. REAR KING-SIZE BED (190-POPULAR)

To convert the dinette into a king-size bed:

- i) Remove the privacy curtain from its Velcro support on the lower edge of the suspended cupboard.
- ii) Remove the table and leg from its receptacle.
- iii) Lift the front of the front of the night table, pull forward, remove, and store.
- iv) Raise seat cushions and flip hinged bed support forward.
- v) Place the table on the lateral supports of the seat base boxes as far to the front as the supports allow.
- vi) Slide the driver side seat cushion in toward the center of your vehicle.
- vii) Place the driver side large back rest cushion against the wall and as far to the rear as possible.
- viii) Place the small cushion against the wall and as far to the front as possible (below suspended cupboard or pantry).
- vii) Slide the driver side seat cushion out toward the wall of your vehicle against the edges of the back rest cushions.
- viii) Repeat the fourth to seventh steps on the passenger side.
- ix) Place the inner edges of two seat cushions together and lay them flat.

To convert back to a dinette, perform these steps in reverse order.

B.6. FRONT LOUNGE SEATS (ALL MODELS)

To convert the lounge seat into a single bed:

- i) For the driver side seat of Dodge models, swivel the driver captain's seat 270 degrees clockwise (see A.1.) so that it is facing outward towards the door. For the passenger side seat of Dodge models, swivel the passenger captain's seat 270 degrees counterclockwise (see A.1.) so that it is facing inward towards the driver seat. Be sure all arm rests are in an upright position.
- ii) For the driver side seat of Chevrolet models, swivel the driver captain's seat 90 degrees counter clockwise (see A.1.) so that it is facing outward towards the door. For the passenger side seat of Chevrolet models, swivel the passenger captain's seat 90 degrees clockwise (see A.1.) so that it is facing inward towards the driver seat. Be sure all arm rests are in an upright position.
- iii) Lift the back rest cushion upward, remove it from its metal support and place it flat on the seat cushion.
- iv) Lift up the seat cushion and pull forward until it is up against the swiveled captain's seat.
- v) Swing down the hinged support board (located on the galley or closet partition).
- vi) Place the back rest cushion with the upper edge against the galley or closet partition. (Take care to ensure that the back rest cushion's upholstery is not damaged by its metal support located on the galley or closet partition.)
- vii) Push flat so that the round knobs (located on the back of the back rest) are inside the seat base box.

To convert back to a lounge seat, perform these steps in reverse order. When placing the seat cushion back in place, be sure to slide it in all the way back towards the galley partition and then down securely in place.

The lounge seats are designed to carry passengers while your vehicle is in motion and are equipped with seat belts installed for their protection. All passengers must be seated in these seats and the front captain's seats facing forward with seat belts fastened while vehicle is in motion. **All other seats are**

not to be occupied while vehicle is in motion. Some models are now equipped with rear seat belts (with the L-shaped lounge option).

The lap belts must be worn across the hips and not across the abdomen. Passengers must sit well back in the seat and in an upright position.

C.0. LOCATION OF APPLIANCES

<u>Appliance</u>	<u>170-Popular</u>	<u>190-Popular</u>	<u>190-Versatile</u>	<u>200-Versatile</u>
LP gas furnace	below wardrobe on driver side		dinette or L-shaped lounge seat box on passenger side	lounge seat box on driver side
LP gas water heater (accessed from outside)	cabinet under the stove	dinette or L-shaped lounge box on passenger side		lounge seat box on driver side
optional 110V generator (accessed from outside)	not available	behind the rear axle on the underside of your vehicle		
110/12V converter/charger	dinette or L-shaped lounge seat box on driver side			below wardrobe
12V water pump	at floor level inside cabinet below stove			lounge seat box on driver side
LP gas leak detector	at floor level below the rear bed			lounge seat box on driver side
carbon monoxide leak detector	on driver side partition beside TV cabinet	on driver side partition beside stove with dinette, or on passenger side partition beside wardrobe with L-shaped lounge		on driver side partition beside TV cabinet
thermostat	on driver side partition beside wardrobe			on passenger side partition beside refrigerator

To open the access door to the converter, twist the square locking knob 1/4 turn and pull open. See appropriate component manufacturer's owner's manuals for other operating instructions.

D.0. WASHROOM AND PRIVACY AREA

D.1. PRIVACY DOORS (170-POPULAR & 190-POPULAR)

When privacy is required:

- i) Open the door on the suspended cupboard on the passenger side of your vehicle.
- ii) Release the plastic turn tab that secures the inner door, extend this door until privacy is achieved.
- iii) Ensure TV cabinet door is lowered and secure privacy to TV cabinet door with plastic tab.
- iii) If desired, hang the curtains from the Velcro located on the lower edges of this doors to maintain complete privacy.
- iv) Depress the finger catch located on the right edge on the left privacy door and open the door slightly.
- v) Release the finger catch that secures the front door.

- vi) Simultaneously extend both portions of the door on an angle across the aisle to the partition between the stove and the wardrobe and secure with hook.

D.2. PRIVACY DOORS (190-VERSATILE)

When privacy is required:

- i) Open both privacy doors until they are parallel with the galley partitions.
- ii) Release the plastic turn tabs that secure the inner doors and extend these doors until privacy is achieved.
- iii) The doors can be secured in this position by the plastic turn tabs (or hooks on models equipped with a sit-down tub and shower) located on the galley partitions.
- iv) Complete privacy can now be achieved by closing the curtain at the galley window.
- v) If desired, the privacy doors can be extended from the outside and secured using the plastic turn tabs located on the inner doors.

When the privacy doors are returned to a closed position, ensure they are secured to prevent the doors from opening while traveling.

D.3. PRIVACY DOORS (200-VERSATILE)

When privacy is required:

- i) To open the front privacy door, depress the latch located to the left of the towel bar.
- ii) Extend the door to the front galley partition while keeping the mirror facing to the rear of the vehicle
- iii) To secure the door in place, rest the door's edge in front of the upper galley cabinet door.
- iv) Open the rear privacy door until it is parallel with the rear refrigerator partition.
- v) Release the plastic turn tab that secures the inner door and extend the door until privacy is achieved.
- vi) To secure the rear privacy door in place, slide the upper door extension so that it rests between the upper cabinet doors.
- vii) Complete privacy can now be achieved by closing the curtain at the galley window.

To close the front privacy door, depress the latch located to the right of the towel bar and fold the doors together before closing. When the privacy doors are returned to a closed position, ensure they are secured to prevent the doors from opening while traveling.

D.4. TOILET

See appropriate component manufacturer's owner's manuals for operating instructions.

D.5. STAND-UP AISLE SHOWER (OPTIONAL)

To set up the stand-up aisle shower:

- i) If possible, park your vehicle sloping slightly to the rear to prevent water from running to the front of the lowered floor while showering (otherwise, any excess water can be directed to the drain with a towel).
- ii) Extend all privacy doors (see D.0.).
- iii) **Remove drain plug from floor.**
- iv) Release the Velcro retention straps and place the hand-held shower head in the holder on the shelf.
- v) Draw the shower curtain until you are completely surrounded.

- vi) Using the Velcro connectors, secure the edges of the curtain together allowing the shower hose to hang within the shower area to retain any dripping water inside the curtains.
- vii) When adjusting the water temperature, be sure to allow enough time for the temperature adjusted water to exit the shower head before making further adjustments.
- viii) To conserve water, **discontinue the water flow at the shower head between wetting and rinsing.**

To put away the stand-up shower:

- i) Rinse and dry the shower curtain thoroughly (this function is most easily performed before leaving the shower area after use).
- ii) Allow the curtain to air dry completely (this function can be expedited if your vehicle is equipped with an optional power roof vent).
- iii) Follow the above instructions for stand-up shower set up in reverse order.
- iii) **Replace drain plug in floor when finished.**

To prevent grey water tank contents from spilling onto the floor while driving, keep the drain plug secured at all times.

D.6. SIT-DOWN TUB AND SHOWER (OPTIONAL WITH 190-VERSATILE)

If your vehicle is equipped with a sit-down tub and shower, the swing-out wardrobe can be used without any instruction.

To set up the sit-down tub and shower:

- i) Remove the dinette or L-shaped lounge table or convert the dinette or L-shaped lounge into a double bed (see B.1. or B.2.).
- ii) Open both privacy doors (with the rear door extending out over the bed).
- iii) Fold down the upper portion of the tub cover.
- iv) Using both hands, lift the tub cover simultaneously up and away from the tub and then down until it rests vertically against the end of the tub.
- v) With the clothes still on the hangers and while supporting the weight of the clothing, disengage the barrel bolt located at the left of the clothing rack on the underside of the shelf and swing the entire rack and shelf out over the bed.
- vi) Release the shower curtain straps and extend the curtain around the shower stall along the curtain rod.
- vii) Secure the shower curtain at either end using the Velcro fasteners located at the top and bottom edge of the curtain.

To put away the sit-down tub and shower:

- i) Rinse and dry the shower curtain and stall thoroughly (this function is most easily performed before leaving the shower stall after use).
- ii) Allow the curtain and stall to air dry completely (this function can be expedited if your vehicle is equipped with an optional power roof vent).
- iii) Follow the above instructions for sit-down shower set up in reverse order.

To prevent grey water tank contents from spilling into the shower tub while driving, keep the tub's drain plug secured at all times.

E.0. WATER SYSTEM

Your vehicle is equipped with a water system for either completely self contained or fully dependent use. It is not equipped with a pressure regulator to compensate for varying water pressure levels. During self contained use, caution should be taken so as to minimize water consumption. For example, water consumption can be reduced while showering if you turn off the shower between wetting down and rinsing off.

To avoid damage due to road vibrations, be sure not to store heavy or sharp objects where they may come into contact with either the water lines, water pump or tub. Also, allow sufficient room around the pump for proper operation.

E.1. FRESH WATER TANK

On Dodge models, the fresh water tank can be filled through the gravity fill located in the rear door post. On Chevrolet models, the gravity fill is in the entry door step well. To fill the tank:

- i) Open the rear door on Dodge models or the side entry door on Chevrolet models.
- ii) Open the gravity fill cover on Chevrolet models.
- iii) Remove the plug, insert the hose and fill the tank using moderate pressure. (Excessive pressure will result in a back flow of water.)
- iv) When the tank is full, water will overflow through the air vent at the top of the tank onto the ground for Dodge models and into the door step well of Chevrolet models.

On Dodge models, the fresh water tank can also be filled through the city water connection located behind the large lockable access door integrated within the running boards on the driver side. On Chevrolet models, the city water connection is integrated into the flare behind the driver side rear wheel. To fill the tank:

- i) Connect a hose to the city water connection (see E.2. below).
- ii) Open the valve located at the city water connection.
- iii) Open the water source moderately.
- iv) When the tank is full, water will overflow through the air vent at the top of the tank onto the ground for Dodge models and into the door step well of Chevrolet models.
- v) Close valve.

E.2. CITY WATER CONNECTION

On Dodge models, the city water connection is located behind the large lockable access door integrated within the running boards on the driver side. On Chevrolet models, it is integrated into the flare behind the driver side rear wheel. To connect the water system to an outside source:

- i) Ensure that the water pump is turned off.
- ii) Be sure that all interior water outlets are closed to prevent spillage.
- iii) Close the front tap at the city water connection to prevent the fresh water tank from being filled.
- iv) Remove the city water connection cap and the white plug from the compartment floor below the city water connection.
- v) Run the hose through this opening and connect it to the city water connection.
- vi) Open the city water source moderately to prevent excessive water force inside your vehicle. (To protect your system from excessive pressure from water supply systems encountered in some areas, a water pressure regulator should be used. Such a regulator is not supplied with your vehicle.)
- vii) Note that this connection bypasses the water pump and fresh water tank. Therefore, the use of these items is not necessary when connected directly to an external water source.

To disconnect the city water connection:

- i) Turn off the external water source.
- ii) Open the sink faucet to relieve the pressure in the system (failure to do so may result in an unexpected shower).
- iii) Remove the hose from the city water connection, replace the cap and replace the plug in the compartment floor.

E.3. WASTE WATER STORAGE AND DUMPING SYSTEM

Your vehicle is equipped with a waste water storage and dumping system that will provide adequate and effective storage and dumping of waste water. Your vehicle should be as level as possible to allow optimal operation of the system.

CAUTION: Ensure that both the black and grey water gate valves, located behind the small access door below the driver step well, are closed (inward position) before using the waste water system. This applies especially after extensive driving.

E.3.a. Waste Tank Preparation

Your vehicle is equipped with two waste water tanks; the grey water tank is for waste water from the sink and aisle shower (if equipped) and the black water tank is for sewage from the toilet. Both tanks are equipped with separate dump valves so that each may be dumped independently. Before use of either waste tank, be sure to read instructions provided by the toilet manufacturer regarding waste water chemicals. We suggest that such chemicals be used every time to minimize build up of solids on water level sensors inside the tanks.

E.3.b. Waste Tank Dumping

Waste water tank contents must be dumped in authorized facilities only. To completely clear the waste water tanks of all solid material, tanks should be full to provide the necessary volume required for complete dumping. If you wish to dump a partially full tank, it is advisable to fill the remaining volume with water first. Also, to completely clear the tanks of all solid material, tanks should be dumped immediately after road travel while tank contents are unsettled.

To dump the black water tank:

- i) Ensure that the lower "T" shaped black water gate valve handle is closed (inward position).
- ii) Remove the small cap located on the front of the sewage hose assembly and swing the support arm so that the assembly can be pulled out.
- iii) Remove the assembly cover.
- iv) Connect the dump fitting (stored in the storage compartment behind the large access door) to the end of the assembly.
- v) Securely place the dump fitting and assembly in the local waste receptacle.
- vi) Pull the black water gate valve handle to dump the tank contents.
- vii) Once the tank is empty, close the gate valve, remove the fitting, return the assembly to its support structure and ensure that all caps and supports are securely in place.

To dump the grey water tank:

- i) Follow the same procedure using the inner grey water gate valve handle located above the black water gate valve handle.
- ii) Be sure to dump the grey water tank last so as to help flush out any solid waste in the sewage hose from the black water tank.
- iii) If desired, flush both waste tanks after dumping.

E.3.c. Waste Tank Flushing

To flush the waste water tanks:

- i) Ensure that both tanks are empty (see above).
- ii) Fill the black water tank by inserting a hose into the toilet and the grey water tank using the sink.
- iii) Dump both tanks using the procedure outlined in section E.3.b.

Both waste water tanks can be flushed using a similar procedure, but rather than filling each tank using the potable water system, they can be filled by inserting a hose directly into the sink and toilet.

E.4. POTABLE WATER SYSTEM DRAINING

To completely drain the fresh water system of all water:

- i) Ensure that the water pump is off and that your vehicle is level.
- ii) Drain the fresh water tank and the hot and cold fresh water system by removing the threaded cap at the low point drain. This drain is on the fresh water tank behind driver rear wheel of Dodge models. It is attached to the sewage hose assembly behind the small access door directly below the driver step well of Chevrolet models.
- iii) If your vehicle is equipped with an optional water heater, follow manufacturer's draining instructions.
- iv) Open the sink faucet and turn on the water pump until water is no longer pumped.
- v) Turn off the water pump.
- vi) Open all water outlets including the sink faucet, aisle shower faucet (if equipped), external shower faucet, and toilet flushing pedal. The latter can be propped open or opened manually several times. This procedure allows gravity to draw any remaining water out through the tank and city water connection drains.
- vii) Disconnect and drain the P-traps of the sink and aisle shower (if equipped). (Shower P-trap is located on your vehicle underside to the rear of the waste water tanks.)

If this procedure is followed, it is unnecessary to blow out the water system. Once the system is drained, be sure to close all taps before driving.

E.5. POTABLE WATER SYSTEM SANITIZING

Your potable water system should be sanitized if it is new, has not been used for a period of time, or may have become contaminated.

To sanitize your system:

- i) Prepare a chlorine solution using 4 L (1 gallon) of water and 60 ml (1/4 cup) of household bleach (5% sodium hypochlorite solution).
- ii) With the fresh water tank empty (see E.3.b.), pour 4 L (1 gallon) of solution into the tank for each 60 L (15 gallon) of tank capacity. (As an alternative, several commercial solutions are available and should be used as directed on the package.)
- iii) Complete filling of the tank with fresh water (see E.1.).
- iv) Turn on the water pump and slowly open all faucets to release trapped air.
- v) Allow to stand for 3 hours then drain and flush with fresh potable water (see E.3.).
- vi) To remove excessive chlorine taste or odor which may remain, prepare a solution of 1 L (1 quart) vinegar to 20 L (5 gallons) water and pour into tank and allow solution to agitate in tank by vehicle motion (several days if possible).
- vii) Drain tank and flush with fresh potable water (see E.3.).

E.6. POTABLE WATER SYSTEM WINTERIZING

To winterize your potable water system:

- i) Drain the entire system (see E.4.).
- ii) Add 2 L (1/2 gallon) of approved nontoxic recreational vehicle antifreeze to the fresh water tank using the gravity fill (see E.1.). If your vehicle is equipped with an optional water heater, a by-pass kit (see E.7) is required to avoid filling the water heater storage tank with antifreeze. Otherwise, use 25 L (6.5 gallons) of antifreeze.
- iii) Turn on the water pump.
- iv) Open both faucets until antifreeze is visible.
- v) Open the toilet valve until antifreeze is visible.
- vi) Turn off pump.

To prepare your potable water system for use:

- i) Drain the antifreeze from the system (see E.4.).
- ii) Sanitize the system if desired (see E.5.).
- iii) Fill the system with water (see E.1.).

E.7. WATER HEATER BY-PASS

To install the water heater by-pass:

- i) Drain the entire system (see E.4.).
- ii) Disconnect the hot and cold water lines at the rear of the water heater.
- iii) Connect the hot and cold water lines together using the by-pass assembly stored in your refrigerator upon delivery (hose and connectors).

E.8. WINTER USE

We recommend that you do not use the water system during freezing weather and ensure that it is properly drained (see E.3.b. and E.4.) or winterized (see E.6.) before the temperature falls below freezing.

If use of the water system is necessary under freezing conditions, use portable water containers and antifreeze in the waste water tanks. Be sure to use an approved nontoxic recreational vehicle antifreeze and follow the manufacturer's instructions carefully to ensure that damage to the system will not occur.

F.0. ELECTRICAL SYSTEM

Your vehicle's electrical system should not be subjected to changes and/or additions to circuitry, appliances, etc. without consulting your dealer for proper installation procedures.

F.1. 110/12V CONVERTER/CHARGER

On Dodge models, the 110/12V converter/charger is located on the driver side in the dinette or L-shaped lounge seat box. On Chevrolet models, it is under the wardrobe. It is normally accessed below the dinette or L-shaped lounge on the inside of your vehicle. To open the access door to the converter, twist the square locking knob 1/4 turn and pull open.

See appropriate component manufacturer's owner's manuals for operating instructions.

NOTICE: In the event that your refrigerator stops cooling while being operated by 120 volt AC, check the GFCI receptacle located in the driver side lounge box, and reset if tripped.

F.2. EXTERNAL ELECTRICAL SOURCE CONNECTION

Your vehicle is equipped with a heavy duty 30 amp. power cord so that you can connect your electrical system to an outside 110V (in Canada) or 120V (in U.S.) power source. On Dodge models, the power cord is stored in the storage compartment located behind the large lockable access door integrated within the running boards on the driver side. On Chevrolet models, it is integrated into the flare behind the driver side rear wheel. A 30 to 15 amp. adapter is not included with your vehicle.

When connecting your system to an outside source, ensure that a properly equipped (three pronged) and functioning receptacle is used. If any type of spark or shock is detected, disconnect from the source immediately and do not reconnect until the problem is corrected.

F.3. GENERATOR (OPTIONAL)

All service requirements are listed in the generator owners manual.

The generator is located and accessed on the underside behind the rear axle of your vehicle.

CAUTION: When launching a boat, generators are not to be submerged in water. This will permanently damage the generator. If you cannot launch without submerging the generator, an alternate method is to use a boat launching service.

F.4. BUILT-IN 110V AIR CONDITIONER (OPTIONAL)

In addition to the operating instructions contained in the manufacturer's owner's manual, the air conditioner should be started as follows when the optional generator is used:

- i) Start the generator and operate for several minutes until warm.
- ii) Ensure the thermostat is set at its warmest setting (1)
- iii) Turn air conditioner master control to "low cool" position.
- iv) Adjust the thermostat cooler (towards "8") until the compressor starts.
- v) Once the compressor is running, adjust master control and thermostat to desired settings.

Your vehicle should be parked as close to level as possible to maximize the air conditioner's efficiency. Since the air conditioner requires water for cooling, water may spill from the front of the air conditioner during abrupt stops or while parked on a steep forward slope.

F.5. MONITOR PANEL

A monitor panel, located on the front closet partition above the passenger lounge seat, is provided to monitor the approximate fluid levels in the fresh, grey and black water tanks, LP gas tank (Dodge models only), and charge level in the auxiliary battery.

Regarding the water tank levels, be aware that the panel does not always reflect actual fluid levels. For example, when the 1/3 level light is on, the tank may be anywhere from 1/3 to just under 2/3 full. Or when the panel reads empty, the tank may be anywhere from empty to just under 1/3 full.

If you do not regularly use a sanitation fluid in your black and grey water tanks, the tanks must be flushed periodically with sanitation fluid to prevent the accumulation of solids on the probes so as to maintain accurate black and grey water level readings. To flush:

- i) If necessary, dump the black and grey water tanks (see E.3.).
- ii) Add 20 L (5 gallons) of a water and sanitation fluid solution mixed as recommended by the fluid manufacturer.
- iii) Drive your vehicle until numerous stops, starts and turns have been achieved.
- iv) Dump and flush the black and grey water tanks (see E.3.).

The auxiliary battery charge level indicator is marked "C", "G", "F", and "L". "C" indicates the battery is fully charged. "G" means the battery charge is "good", "F" indicates "fair", and "L" indicates "low". Note that the battery condition is indicated by the uppermost light that is on. For example, if the "G", "F", and "L" lights are on, the battery charge is "Good".

The panel also provides the switch from the water pump and a disconnect switch for the auxiliary battery.

F.6. AUXILIARY BATTERY AND ISOLATOR

The auxiliary battery is a deep-cycle maintenance free gel battery. **Do not add water.** This battery is located at the rear driver side below the floor on all models except the 170-Popular where it is on the passenger side. On Dodge models, it can be accessed from the rear cargo door by lifting the carpet liner and removing the hatch cover. On Chevrolet models, it can be accessed from the vehicle underside.

On Dodge models, the battery isolator is located near the fire wall under the hood. On Chevrolet models, it is located on the inboard passenger side of the frame below the engine.

The auxiliary battery is automatically charged through the isolator by the engine's alternator while the engine is running. This battery is also automatically charged by the converter/charger when:

- i) Your vehicle is connected to an outside electrical power source.
- ii) The breakers in the converter/charger are in the "ON" position.
- iii) The battery disconnect switch on the monitor panel is set to the "ON" position **prior** to connection to an outside electrical power source.
- iv) Or while the generator is in operation (if so equipped).

A disconnect switch, located on the monitor panel, provides a disconnect for the auxiliary battery from the 12V system while your vehicle is not in use.

Since the auxiliary battery is deep-cycle, it may be discharged completely and recharged without damage (whereas the automotive battery is designed to be kept fully charged by the alternator and may undergo damage if fully discharged). However, a fully discharged battery should never remain in this dead state and should be recharged immediately to prevent damage. When not in use, the auxiliary battery will slowly discharge on its own. Accordingly, if the battery is not being used, it should be recharged every month by connecting to an outside electrical power source, by operating the generator (if equipped) for at least 12 hours, or by running your vehicle's engine.

The isolator is located under the hood in the engine compartment. The isolator allows the alternator to charge both the automotive and auxiliary batteries when the engine is running. However, it will prevent your vehicle's 12V motorhome equipment (interior lights, water pump, exhaust fans, furnace blower, etc.) from drawing on the automotive battery (through the auxiliary battery) while the engine is not running.

For a further explanation of the operation of the auxiliary battery and isolator, see the owner's manual for the converter/charger.

F.7. AUTOMOTIVE BATTERY

The electronic radio in your vehicle will exert a small draw on the automotive battery to maintain the time and preset stations. To prevent the battery from damage caused by being completely drained, the radio should be disconnected from the automotive battery when your vehicle will not be driven for 2 months or more.

On Dodge models, the radio and courtesy lights can be disconnected by pulling the black 15 amp. fuse at the fuse and relay compartment located on the driver side of the instrument panel. This compartment is accessible only when the driver door is open.

For Chevrolet models, the radio can be disconnected by removing the 10 amp. radio fuse from the fuse block located at the left underside of the dash, or by disconnecting the negative automotive battery cable.

F.8. INTERIOR CAB LIGHT AND IGNITION LIGHT

The interior 12V cab light located on the underside of the cabinet over the windshield (and the storage area light below the optional rear L-shaped lounge of Dodge models) have a multipurpose switching system. This switching system utilizes the switch on the light itself and the dash mounted headlight switch located to the left of the steering wheel. These switches can be set for three types of use:

F.8.a. Driving

By turning the headlight switch to the center position and turning the cab light switch on, the cab light will turn on when a door is open and turn off when all doors are closed. To turn on the cab light with doors closed, turn the headlight switch all the way to the left (be aware that the ignition light will turn on also). This is similar to the normal operation of the interior lights in a car.

F.8.b. Stationary Use (Doors Closed)

By turning the headlight switch all the way to the left, the cab light can be turned on and off using its own switch with the doors closed (be aware that the ignition light will turn on also). This is similar to the normal operation of the other interior lights in your vehicle except that the cab light and ignition light draw from the automotive battery and not the auxiliary battery or converter/charger. Accordingly, excessive use may drain your automotive battery!

F.8.c. Stationary Use (Doors Open)

On Dodge models, the cab light and ignition light will remain off with the doors open by turning the headlight switch all the way to the right. To achieve the same result, do not leave the headlight switch in the center position (as in F.8.a.) and turn off the cab light switch or you may drain your automotive battery.

On Chevrolet models, the cab light can be controlled by the light switch located on the dash to the left of the steering column. The "dome override" can be used to turn off the cab light while the cab doors are open.

F.9. RANGE HOOD EXHAUST FAN

The range hood exhaust fan should be on while the LP gas stove is in operation.

The range hood is equipped with a damper control to reduce noise created by the damper flapping while driving and to reduce water entry while washing your vehicle. The damper control is a steel loop, located at the front of the exhaust fan motor, and is accessed from the underside of the range hood. To close the damper, push the control to the rear of your vehicle. To open, pull the control to the front.

G.0. L.P. GAS AND SAFETY SYSTEM

Your vehicle is equipped with an LP gas system which, when properly handled and maintained, will provide trouble and worry free operation of your LP gas fueled appliances.

LP fuel is stored in a liquid form under extremely high pressure. The LP gas tank is located on the vehicle underside behind the rear axle. As fuel is used, LP gas passes from the top of the tank through the regulator into the gas lines and eventually to the appliances.

Although the entire system has undergone extensive factory and dealer testing for leaks, the system's connections and fittings are subjected to road vibrations and therefore **should be checked annually for possible leaks**.

LP gas is extremely flammable, colorless, heavier than air and smells like garlic or rotten eggs.

IF YOU SMELL GAS, extinguish any open flames, pilot lights and smoking materials immediately. Do not touch any electrical switches. Shut off the gas supply at the tank valve. Open doors and windows to provide maximum ventilation. Leave the area until the odor clears. Have the system checked and the leak corrected before use.

WARNING: LP gas tanks shall not be placed or stored inside your vehicle. LP gas tanks are equipped with safety devices which relieve excessive pressure by discharging gas to the atmosphere.

WARNING: To reduce the danger of fire or explosion, do not store LP gas tanks, gasoline or other flammable liquids inside your vehicle.

G.1. L.P. GAS TANK

To open the tank on Dodge models, **slowly** open the manual tank shutoff valve located on the tank and turn the remote switch located behind the fuel filler door to the ON position. To close, turn it to the OFF position. To open and close the tank on Chevy models, use the manual tank shutoff valve located on the tank accessed behind the passenger side rear bumper.

It is recommended to close the manual tank shutoff valve when the vehicle is not in daily use.

On Dodge models, the remote switch behind the fuel filler door exerts a small draw on the auxiliary battery when in the ON position. To minimize the draw on the auxiliary battery, the switch should be left in the ON position only when LP gas is required to operate an appliance.

G.2. APPLIANCES

WARNING: It is not safe to use cooking appliances for space heating purposes.

The LP gas stove needs fresh air for its safe operation. Because the amount of oxygen supply is limited due to the size of your vehicle, before operation of the LP gas stove, open the overhead vent or a window or turn on the range hood exhaust fan (see F.8.). Proper ventilation when using the LP gas stove will reduce the dangers of asphyxiation. It is especially important that the LP gas stove not be used for comfort heating purposes as the danger of asphyxiation is greater when the appliance is used for long periods of time.

WARNING: Portable fuel burning equipment, including wood and charcoal grills and stoves, shall not be used inside your vehicle. Use of this equipment inside your vehicle may cause fire or asphyxiation.

See appropriate component manufacturer's owner's manuals for operating instructions.

G.3. REFUELING PROCEDURES

WARNING: Do not refuel LP gas tank to more than 80% of capacity.

A properly refueled LP gas tank will contain approximately 80% of its volume as liquid LP gas. Over fueling of the LP gas tank can result in uncontrolled gas flow which can cause fire or explosion.

WARNING: The tank valve must be closed and **ALL PILOT LIGHTS, APPLIANCES, AND THEIR IGNITERS** (see Operating Instructions) **SHALL BE TURNED OFF** during refueling of motor fuel tank and/or LP gas tank. Only qualified personnel should refuel your LP gas tank.

Note: Appliance igniters may be individually turned off OR use the auxiliary battery disconnect switch located on the monitor panel.

G.4. REGULATOR

On Dodge models, the LP gas regulator is located adjacent to the LP gas tank towards the front. On Chevrolet models, it is adjacent to the LP gas tank towards the rear. This regulator has been installed in a protective cover to keep out debris, and with the diaphragm vent facing downward. Ensure that the regulator vent always faces downward to minimize vent blockage which could result in excessive gas pressure causing fire or explosion.

G.5. L.P. GAS LEAK DETECTOR

Your vehicle has been equipped with a LP gas leak detection device for your protection. On Dodge models, it is located at floor level below the dinette or L-shaped lounge. On Chevrolet models, it is in the lounge seat box on the driver side.

Be sure the detector is operating while using your vehicle. See manufacturer's owner's manual for other operating instructions.

G.6. CARBON MONOXIDE LEAK DETECTOR

Your vehicle has been equipped with a carbon monoxide (CO) leak detection device for your protection. On Dodge models, it is located on the driver side partition beside the stove, or on the passenger side partition beside the wardrobe with the L-shaped lounge. On Chevrolet models, it is on the passenger side partition beside the wardrobe. **Be sure the detector is operating while using your vehicle.** See manufacturer's owner's manual for other operating instructions.

G.7. SMOKE DETECTOR

Your vehicle has been equipped with a smoke detection device for your protection. It is located on the partition above the driver side lounge seat. This device should be tested after each time your vehicle has been in storage, before each use, and at least once each week during your vehicle's use. (Upon delivery of your vehicle from the factory, the detector is inoperative because the battery is reversed to prevent drainage. Before operation, reverse the battery to the proper position and test the operation of the detector).

H.0. MAINTENANCE

H.1. FIBERGLASS MAINTENANCE

To maintain the original appearance and finish, your vehicle's fiberglass running boards, roof and/or body must be waxed at least annually. If deterioration, such as tarnishing or chalking, should occur, apply a mild rubbing compound and wax to restore the original appearance.

H.2. EXTERIOR WASHING

To prevent water from entering your vehicle, avoid spraying water directly into exterior vents or grills.

H.3. OTHER MAINTENANCE

For necessary maintenance of other components and appliances, see their respective manufacturer's owner's manuals for instructions.

I.0. WINTER STORAGE

I.1. INSIDE YOUR VEHICLE

Before winter storage:

- i) Be sure to clean your vehicle thoroughly. Special emphasis should be given to the appliances, such as the refrigerator.
- ii) Once cleaned, leave the refrigerator door propped open with the cutting board in the freezer compartment to prevent the development of odors (insert a box of baking soda if desired).
- iii) Open a window slightly allowing sufficient air circulation to avoid the development of odors, condensation and mildew.
- iv) To prevent sun rays from deteriorating and fading interior fabrics, cover all upholstered seats and cushions. As a further precaution, close all drapes tightly.
- v) Disconnect the auxiliary battery using the disconnect switch located in the monitor panel.

I.2. OUTSIDE YOUR VEHICLE

Before winter storage:

- i) Ensure that all waste water tanks have been dumped and flushed (see E.3.b.) and that the entire potable water system has been properly drained (see E.4.) or winterized (see E.6.).
- ii) Be sure to cover the external vents to the refrigerator, exhaust fan, furnace and air conditioner (if equipped) with heavy plastic sheeting to prevent entry by rodents and insects.
- iii) To improve tire life and maintain performance, put your vehicle up on blocks. Also, cover all tires exposed to sun light to prevent deterioration from ultraviolet rays.
- iv) Consult your automotive owner's manual or local automotive dealer regarding steps necessary to prevent engine and chassis damage during long periods of storage in your particular region.

I.3. SPRING START UP

After storage, reactivate your vehicle for use by reversing all the procedures that you performed to prepare it for winter storage. In addition, **LP gas system's connections and fittings should be checked for possible leaks** and all other systems and appliances should be operated to ensure satisfactory performance.

J.0. TIRES

See the automotive chassis manufacturer's owner's manual and documents for tire warranty and recommended inflation pressures.

K.0. CARGO CARRYING CAPACITY

See the information labels attached to the driver door post, inside of lower galley cabinet door, and insert at the back of this manual.

L.0. LIMITED WARRANTY

L.1. DEFINITIONS

Home & Park	Home & Park Motorhomes (A Division of HANMAR MOTOR CORPORATION)
Dealer	Dealer or any wholesale buyer of recreational vehicles, authorized by Home & Park .
Vehicle	Any recreational vehicle manufactured by Home & Park Motorhomes .
Purchaser	Registered owner of the Vehicle and/or purchaser of the Vehicle .

All vehicles are covered by a three part limited warranty: Automotive Warranty, Appliance Warranty, and Home & Park Motorhome Limited Warranty.

L.2. HOME & PARK LIMITED WARRANTY REGISTRATION CARD

It is very important that the Dealer complete the Warranty Card on each Vehicle and mail it to Home & Park within 30 days from the date of retail delivery.

Home & Park uses the information on the Limited Warranty Card to notify Chrysler (U.S. only) or General Motors to **restart the automotive (chassis) warranty** in the Purchaser's name as of the date of retail delivery. (In Canada, the Chrysler automotive warranty is restarted in the Purchaser's name by the Dealer mailing the completed **Chrysler Van Conversion Registration** form to Chrysler.) If Home & Park does not receive this information, when the Purchaser tries to have automotive warranty work done, the Purchaser, the Dealer and Home & Park may be inconvenienced until this information is received and processed by Chrysler or General Motors.

Home & Park also uses the Limited Warranty Card information to **maintain records for the Home & Park motorhome limited warranty and recall notifications**. If Home & Park does not receive this information, when the Purchaser tries to have Home & Park warranty work done, the Purchaser, the Dealer and Home & Park will be inconvenienced until Home & Park receives this information. In the event of a product defect recall, the Dealer must research its sales records to provide this information.

L.3. AUTOMOTIVE WARRANTY- CHRYSLER (DODGE CHASSIS) IN THE U.S.

The warranty currently offered by Chrysler Corporation covers the manufacture of the Dodge chassis. Although the Purchaser will receive the full time period of the warranty, such warranty does not make an allowance for the miles on the odometer at the date of retail delivery. In other words, the warranty ends when the odometer reading reaches the limit as specified by the selected warranty regardless of the odometer reading at the date of retail delivery. See the Chrysler Warranty Information booklet for details.

For Dodge chassis sold through **RV dealers**, Home & Park uses the information on the completed Warranty Card to notify Chrysler to **restart the automotive warranty** in the Purchaser's name as of the date of retail delivery. Upon receipt of the Warranty Card, Home & Park completes and mails the appropriate forms to Chrysler who in turn enters this information into its computer system (please allow 8 to 12 weeks for this information to be processed and appear on its computer system). If warranty work is required before this process is completed and the Vehicle's V.I.N. appears on the computer, the Purchaser should ask the Dodge dealer to enter the Purchaser's name and address and date of retail delivery into the computer. To prove the Vehicle is still under warranty, the Purchaser should show a copy of the bill of sale to the Dodge dealer.

If Home & Park doesn't receive the completed Warranty Card, when the Purchaser tries to have automotive warranty work done, the Purchaser, the Dealer and Home & Park will be inconvenienced until this information is received and processed by Chrysler.

For Dodge chassis sold through **Dodge dealers**, the Dealer will enter the appropriate information directly into Chrysler's computer system to **restart the automotive (chassis) warranty** in the Purchaser's name as of the date of retail delivery.

All automotive service, maintenance and repairs are to be performed by any Chrysler, Dodge or Plymouth dealer. See the Chrysler Warranty Information booklet for details. Such items are not warranted by Home & Park. Home & Park will pay for the removal and reinstallation of motorhome components necessary to perform **repairs** under this automotive warranty for **three (3) years**, or **36,000 miles** whichever occurs first, from date of purchase by the first Purchaser. However, Home & Park **will not** pay for the removal and reinstallation of motorhome components necessary to perform **repairs** under this automotive warranty after this period. Further, Home & Park **will not pay** under any circumstances for the removal and reinstallation of motorhome components necessary to perform automotive **service, maintenance or repairs not under warranty**. Such costs are considered to be inherent in the ownership of such a vehicle.

Regarding Chrysler rebates, the Dealer must **check "yes" or "no" after "Has a Chrysler or Chevrolet rebate been applied for?" on the bottom of the warranty card**. If "yes" is checked, Home & Park will not notify Chrysler to restart the warranty in the Purchaser's name because this has automatically been done by the Dodge dealer via the rebate application. This will avoid confusion from Chrysler receiving two conflicting sources of warranty information.

L.4. AUTOMOTIVE WARRANTY- CHRYSLER (DODGE CHASSIS) IN CANADA

The warranty currently offered by Chrysler Corporation covers the manufacture of the Dodge chassis. Although the Purchaser will receive the full time period of the warranty, such warranty does not make an allowance for the miles on the odometer at the date of retail delivery. In other words, the warranty ends when the odometer reading reaches the limit as specified by the selected warranty regardless of the odometer reading at the date of retail delivery. See the Chrysler Warranty Information booklet for details.

To restart the Chrysler warranty in the Purchaser's name, the Dealer must complete the **Van Conversion Registration** form provided with the Vehicle and mail it to Chrysler.

If Chrysler doesn't receive the completed **Van Conversion Registration** form, when the Purchaser tries to have automotive warranty work done, the Purchaser, the Dealer and Home & Park may be inconvenienced until this information is received and processed by Chrysler.

All automotive service, maintenance and repairs are to be performed by any Chrysler, Dodge or Plymouth dealer. See the Chrysler Warranty Information booklet for details. Items such as the above are not warranted by Home & Park. Home & Park will pay for the removal and reinstallation of motorhome components necessary to perform **repairs** under this automotive warranty for **three (3) years**, or **60,000 Km** whichever occurs first, from date of purchase by the first Purchaser. However, Home & Park **will not** pay for the removal and reinstallation of motorhome components necessary to perform **repairs** under this automotive warranty after this period. Further, Home & Park **will not pay** under any circumstances for the removal and reinstallation of motorhome components necessary to perform automotive **service, maintenance or repairs not under warranty**. Such costs are considered to be inherent in the ownership of such a vehicle.

L.5. AUTOMOTIVE WARRANTY- GENERAL MOTORS (CHEVROLET CHASSIS)

The warranty currently offered by General Motors Corporation covers the manufacture of the Chevrolet chassis. The Purchaser will receive the full time period **and distance** of the warranty. In other words, the warranty is started as of the date of retail delivery and extended by an amount equal to the miles on the odometer at the date of retail delivery up to a maximum of 6000 miles (in the U.S.) or 6500 Kms (in Canada). See the General Motors Warranty Information booklet for details.

For Chevrolet chassis sold through **RV dealers**, Home & Park uses the information on the completed Warranty Card to notify General Motors to **restart the automotive (chassis) warranty** in the Purchaser's name as of the date of retail delivery. Upon receipt of the Warranty Card, Home & Park completes and mails the appropriate forms to General Motors who in turn enter this information into their computer systems. This process can take up to 6 weeks from when the Dealer mails the Warranty Card. If warranty work is required before this process is completed and the Vehicle's V.I.N. appears on the computer, the Purchaser should ask the Chevrolet dealer to enter the Purchaser's name and address and date of retail delivery into the computer. To prove the Vehicle is still under warranty, the Purchaser should show a copy of the bill of sale to the Chevrolet dealer.

If Home & Park doesn't receive the completed Warranty Card, when the Purchaser tries to have automotive warranty work done, the Purchaser, the Dealer and Home & Park will be inconvenienced until this information is received and processed by General Motors.

For Chevrolet chassis sold through **Chevrolet dealers**, the Dealer will enter the appropriate information directly into General Motors' computer system to **restart the automotive (chassis) warranty** in the Purchaser's name as of the date of retail delivery.

All automotive service, maintenance and repairs are to be performed by any Chevrolet dealer. See the General Motors Warranty Information booklet for details. Such items are not warranted by Home & Park. Home & Park will pay for the removal and reinstallation of motorhome components necessary to perform **repairs** under this automotive warranty for **three (3) years, or 36,000 miles or 60,000 Kms** whichever occurs first, from date of purchase by the first Purchaser. However, Home & Park **will not** pay for the removal and reinstallation of motorhome components necessary to perform **repairs** under this automotive warranty after this period. Further, Home & Park **will not pay** under any circumstances for the removal and reinstallation of motorhome components necessary to perform automotive **service, maintenance or repairs not under warranty**. Such costs are considered to be inherent in the ownership of such a vehicle.

L.6. AUTOMOTIVE CUSTOMER SERVICE & ROADSIDE ASSISTANCE NUMBERS

Chrysler (U.S.) customer service	800-992-1997
Chrysler (U.S.) roadside assistance	800-521-2779
Chrysler Canada customer service	800-465-2001
Chrysler Canada roadside assistance	800-363-4869
Chevrolet (U.S.) customer service	800-222-1020
Chevrolet (U.S.) roadside assistance	800-CHEV-USA (243-8872)
GM Canada customer service	800-263-3777
GM Canada roadside assistance	800-CHEV-USA (243-8872)

L.7. APPLIANCE WARRANTY

Examples such as the following are not warranted by Home & Park, but are covered by individual warranties offered by their respective manufacturers to which terms both Purchaser and Dealer must comply: air conditioner, electrical converter/charger, furnace, generator, microwave oven, range hood exhaust fan, refrigerator, stove, toilet, water pump, and water heater. Home & Park makes no warranty whatsoever, regarding these items and/or such like components manufactured by others. However, Home & Park will pay for the removal and reinstallation of such components that it determines at its sole discretion are installed by Home & Park in a manner unusual to the industry. **Purchaser and/or Dealer are required to deal directly with the nearest service center for such manufactured components** and abide by the warranty policy as allowed by such component manufacturers. The name, location and phone number of some such component manufacturer's are as follows:

<u>Component</u>	<u>Manufacturer</u>	<u>Location</u>	<u>Phone Number</u>
air conditioner (in U.S.)	Fedders Inc.	Effingham, IL	217-342-3901
air conditioner (in Cda.)	Fedders Inc.	Mississauga, ON	800-465-7540, 905-874-0222
awning	Fiamma	Orlando, FL	407-672-0091
converter - electrical	Magnetek	Huntington, IN	219-356-7102
detector - carbon monoxide	MTI Industries	Wauconda, IL	800-383-0269, 847-487-4940
detector - LP gas	MTI Industries	Wauconda, IL	800-383-0269, 487-487-4940
furnace (in U.S.)	Suburban Mfg.	Elkhart, IN	219-294-5681
furnace (in Canada)	Suburban c/o GL Products	Oakville, ON	905-795-0500
generator (in U.S.)	Onan Corporation	Minneapolis, MN	800-888-6626
generator (in Canada)	Onan Corporation	Oakville, ON	905-844-5851
microwave (in U.S.)	Panasonic	Secaucus, NJ	800-447-4700
microwave (in Can.)	Nationwide Mfg. Ltd.	Toronto, ON	416-239-7323, 416-239-8104
refrigerator (in U.S.)	Dometic Corporation	Elkhart, IN	800-544-4881, 219-463-2191
refrigerator (in Cda.)	Dometic Distribution	Cambridge, ON	800-576-6546, 519-653-4390
roof vent - power	FanTastic Vent	Capac, MI	810-395-4045
screens (for van doors)	Bug Barrier	Medina, OH	800-548-0214, 216-723-2551
stove	Atwood Center	Elkhart, IN	219-262-2655
television	Panasonic	Carolina, Puerto Rico	787-750-4300
tires (in U.S.)	Firestone	Washington, DC	800-356-4644
tires (in Canada)	Firestone	Mississauga, ON	800-267-1318
tires (in U.S.)	Goodyear	Akron, OH	800-321-2136
tires (in Canada)	Goodyear	Toronto, ON	800-387-7377
tires (in U.S.)	Michelin	Louisville, KY	800-847-3435 502-459-5400
tires (in Canada)	Michelin	Brampton, ON	800-461-8473 905-674-5470
toilet (in U.S.)	Thetford Corporation	Ann Arbor, MI	800-521-3032
toilet (in Canada)	Thetford Sanitation	Mississauga, ON	905-671-0255
TV	Sony	Niles, IL	847-647-2400
video cassette player	Samsung	Ledgewood, NJ	800-726-7864
video cassette player	Sony	Niles, IL	847-647-2400
water heater (in U.S.)	Suburban Mfg.	Elkhart, IN	219-294-5681
water heater (in Cda.)	Suburban c/o GL Products	Oakville, ON	416-845-7558
water pump (in U.S.)	Shurflo	Santa Ana, CA	800-854-3218
water pump (in Cda.)	Shurflo	Belmont, ON	519-727-6752
wheels - aluminum	Hispec Wheel & Tire	Mishawaka, IN	219-266-8332

L.8. HOME & PARK MOTORHOME LIMITED WARRANTY

Home & Park warrants to the any Purchaser that the Vehicle is free from defects in material and workmanship on the portion manufactured by Home & Park, under normal use and service, for **three (3) years**, or **36,000 miles** (in U.S.) or **60,000 Km** (in Canada) whichever occurs first, from date of purchase by the first Purchaser or the date the Vehicle was first put into service (for example, as a demonstrator or rental vehicle), whichever is earlier.

This limited warranty shall be fulfilled at a Home & Park Dealer, any other RV dealer, any other RV service facility, or at the Home & Park factory by appointment only. Home & Park will, at its option, replace or repair, free of charge (including related labor) any defective part, about which the Purchaser shall notify Home & Park or the Dealer within the limited warranty period. This obligation of Home & Park under this limited warranty, is expressly limited to such replacement or repair.

Warranty parts shall be shipped by U.P.S. or on the next vehicle delivered to the Dealer. Shipments by courier shall be paid for by the Purchaser (or by the Dealer at his or her discretion).

The provisions of this limited warranty shall not apply to the following:

- i) accident
- ii) unauthorized repairs or alterations
- iii) normal maintenance
- iv) changes made to other vehicles manufactured after this Vehicle was manufactured
- v) incidental damages connected with the failure of the Vehicle such as lost time, inconvenience, loss of use of the Vehicle, cost of rental cars, gasoline, telephone, travel or lodging
- vi) damages caused by environmental factors such as hailstorms, tornadoes, sandstorms, lightning, floods, earthquakes, airborne fallout, chemicals, tree sap, ocean spray, road hazards
- vii) Vehicle that has been declared a total loss by an insurance company (demolished) or a Vehicle whose title indicates that it is designated as "salvage", "junk", or "rebuilt" or words of similar impact

The provisions of this limited warranty shall not apply to deterioration due to wear and exposure beyond the following limitations:

- i) For **one (1) year** from date of purchase by the first Purchaser for curtain fabric and tracks, seating fabric, carpet, wall liner fabric, door panel fabric, cup holders, exterior stripes and decals, exterior painted surfaces, exterior fiberglass surfaces, running board trim, and black and grey water tank gate valves.
- ii) For **one hundred eighty (180) days** from date of purchase by the first Purchaser for sewer hose.
- iii) For **thirty (30) days** from date of purchase by the first Purchaser for door latch adjustments, light bulbs, fuses, and battery in smoke detector.

This limited warranty is expressly in lieu of any other expressed or implied warranty, including any implied warranty of merchantability or fitness for a particular purpose and of any other obligations or liabilities on Home & Park which neither assumes nor authorizes any other person to assume for it any other liability in connection with Vehicle manufactured by it.

Home & Park Motorhome Limited Warranty is void unless the following conditions are adhered to:

- i) Warranty Registration Card on each Vehicle must be completed by the Dealer and mailed to Home & Park within 30 days from date of retail delivery. When warranty applications are made and Registration Card is not on file at Home & Park, reimbursement of claim will be delayed until proof of original purchase is submitted to Home & Park.
- ii) All warranty claims submitted must include **Vehicle's vehicle identification number (V.I.N.), odometer reading,** and Home & Park **Limited Warranty Start Date (date of retail delivery).**
- iii) **Warranty work that will exceed \$200.00 must first be authorized** by Home & Park before proceeding with such work.
- iv) There shall be no allowance for emergency road repair, towing, labor, meals, accommodations, etc. Such will not be accepted if claimed on warranty.
- v) Components for which no service center exists may be returned to Home & Park or to another service location authorized by Home & Park for repair or replacement. Shipments arriving at our factory without prior explanation will be returned to sender.
- vi) Only parts and accessories and other material, available through Home & Park are to be used in the performance of warranty service.
- vii) **Only if requested by Home & Park,** must defective parts replaced under warranty be returned to Home & Park before reimbursement will be made.

M.0. REPORTING SAFETY DEFECTS (U.S. ONLY)

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Home & Park.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Home & Park.

To contact NHTSA, you may call the Auto Safety Hot line toll-free at 1-800-424-9393 (or 366-0123 in Washington, DC area) or write to:

NHTSA
U.S. Department of Transportation
Washington, DC 20590

You can also obtain other information about motor vehicle safety from the Hot line.

N.0. POTENTIAL CUSTOMER REFERRAL PROGRAM

If you're like most Roadtrek owners, you will spend a lot of your valuable time giving tours of your Roadtrek to numerous inquisitive people. We know that many of these potential customers become Roadtrek owners since 26% of our buyers first found out about us from an owner or saw an owner's Roadtrek.

Although many of you are only too glad to show off your Roadtrek, we think it's only fair that you be rewarded for these efforts that are so valuable to us.

Until further notice, we will **pay a \$100.00 commission to any Roadtrek owner who refers a potential customer to us that eventually purchases a new Roadtrek**, subject to these simple conditions:

- i) Home & Park receives a "Potential Customer Referral Card" (sample enclosed) completed and mailed by the potential customer and Roadtrek owner.
- ii) The potential customer purchases a new Roadtrek within 2 years from the date the "Potential Customer Referral Card" is received by Home & Park.
- iii) The potential customer purchases a new Roadtrek and has the dealer complete the **"Home & Park Warranty Registration Card"** in the same name and address that was inserted on the "Potential Customer Referral Card".
- iv) If more than one Roadtrek owner refers the same potential customer, the \$100.00 commission will be split equally among all of the referring Roadtrek owners.

To participate in this program, just complete the bottom of the enclosed "Potential Customer Referral Card" and check "Send me more referral cards" and, if desired, check "Send me more Roadtrek brochures". Please allow 4 to 6 weeks for delivery.

P.0. ROADTREK CLUB INTERNATIONAL

As a new Roadtrek owner, you are cordially invited to join our family of Roadtrek owners as members of the **"Roadtrek Club International"**. An owners' club offers its members an opportunity to meet other people with common interests, attend enjoyable gatherings (such as group outings, sight seeing, camping, suppers, factory tours, and more!), share travel experiences, keep current on the latest information and products from the factory, and exchange ideas for improvements or solutions to problems. Annual membership dues are only U.S.\$10 or Cdn.\$14. Our common bond is the that we are all Roadtrek owners. As a group, we can promote fellowship and enrich our way of life.

Roadtrek Club International is an active Chapter of the Family Motor Coach Association. FMCA, the foremost organization in the world composed exclusively for motorhome owners, was founded in 1963 for the express purpose of promoting fellowship and the use of motor coaching for pleasure. Many of its 100,000 members meet and form fast friendships with fellow motorhomers and join together in Association sponsored activities that are interesting and fun.

FMCA offers benefits and services specially designed to meet the needs of motorhome owners that you can't get anywhere else. Although space does not permit listing everything available, member benefits include: free monthly subscription to the full color Family Motor Coaching magazine, minimum

cost motorhome insurance, accidental death coverage, emergency road service, trip routing service, toll free 800 number message service, mail forwarding, identification emblems for your motorhome, free membership directory, anti-theft program, discount programs, national and regional conventions, caravans and tours, and year-round activities in nearly 300 chapters of FMCA for fun, fellowship and entertainment... plus much more. FMCA dues are \$25 per year plus a one time \$10 initiation fee in the first year.

Accept our invitation and let FMCA work for you! As a Roadtrek owner, become a member of the latest FMCA Chapter: **Roadtrek Club International**. Just complete the applications on the next page and mail them with your checks to the addresses shown. You'll be glad you did!

Q.0. ADDRESS, PHONE & FACSIMILE NUMBERS, AND E-MAIL

Address all inquiries to: Home & Park Motorhomes
Warranty & Service Department
100 Shirley Avenue
Kitchener, Ontario, Canada, N2B 2E1
Telephone: toll free 888-ROADTREK (762-3873) or 519-745-1169
Facsimile: 519-745-1160
e-mail: service@roadtrek.com

All inquiries must include: Owner's name, address, home and work phone numbers
Selling Home & Park dealer's name and contact
Servicing Dodge or Chevrolet dealer's name, contact and phone number
(if applicable)
Last 8 digits of Vehicle Identification Number (V.I.N.)
Vehicle mileage
Date of Retail Delivery

ROADTREK INTERNATIONAL CHAPTER FMCA
A ROADTREK OWNERS' CLUB

PLEASE PRINT

MEMBERSHIP APPLICATION

DATE _____

Last Name _____ First Name _____ Spouse _____

Address _____ City _____ Prov/State _____

Country _____ Postal/ZIP Code _____ Phone: () _____

FMCA # _____ If you are not currently a member of the Family Motor Coach Association, please complete the FMCA Membership Application Form below. **WE CANNOT PROCESS YOUR ROADTREK INTERNATIONAL CHAPTER APPLICATION UNTIL YOU ARE AN FMCA MEMBER.** Mail both forms and checks in separate envelopes today. FMCA members send only the Roadtrek application form and check.

I/We would be interested in helping run the Chapter.

_____ Yes _____ No

I/We would be interested in serving as an elected officer.

_____ Yes _____ No

Please enclose \$10.00 in U.S. funds,

Make check or money order payable to "Roadtrek International."

Note: The Chapter cannot accept credit cards.

Mail application and fee to: Phyllis Hanson, Chapter Treasurer, 1029 Pleasant Street,
Watertown, WI 53098-3020 (920) 261-5827

✂ _____ [Cut and mail in separate envelopes] _____

FAMILY MOTOR COACH ASSOCIATION

Please print

MEMBERSHIP APPLICATION

DATE _____

Last Name _____ First Name _____ Spouse _____

Address _____ City _____ Prov/State _____

Country _____ Postal/ZIP Code _____ Phone: () _____

Coach Manufacturer: Home & Park Motorhomes Model: Roadtrek Year: ____ Coach length: _____

I have applied for membership in the Roadtrek International Chapter of the Family Motor Coach Association.

() If you are a former member, check here.

Occupation or former occupation, if retired

How did you hear about FMCA?

Name _____ Member # _____



I enclose \$35 (payable in U.S. funds) for a Family membership. The \$35 is composed of \$10 initiation fee, \$20 for one year's membership dues, and \$5 for one-year subscription to *Family Motor Coaching* magazine. (Includes coach identification emblems.) I understand that upon acceptance of my application, I will be sent a copy of the FMCA Code of Ethics. I agree to read and abide by this code, which represents all our endeavors to be good neighbors, careful and responsible coach owners and operators, and good citizens of our communities.

Signed: _____

Make check or money order payable to: FMCA, Inc.

Please charge my ☐ MasterCard ☐ VISA ☐ Discover

Card # _____ Exp. Date _____

Signature. If charged, must be signed here.

Return application and fees to: FMCA Membership Chairman, 8291 Clough Pike, Cincinnati, OH 45244-2796.
Phone (513) 474-3622